ELSEVIER

Colloids and Surfaces
A: Physicochemical and Engineering Aspects 110 (1996) 298–299

COLLOIDS AND SURFACES A

Contents of Volume 110

(Abstracted/indexed in: Chemical Abstracts; Current Contents; Physical, Chemical & Earth Sciences; INSPEC: PASCAL/CNRS)

Vol. 110 No. 1

Simulation of the overemulsification phenomenon in turbulent stirring
J. Lachaise, B. Mendibourt, C. Dicharry, G. Marion (Pau, France), J. L. Salager (Merida, Venezuela) 1
Modification of industrial E-glass fibres by ling-chain alcohol adsorption
H.M. Fagerholm, J.B. Rosenholm (Åbo, Finland), T.J. Horr, R.St.C. Smart (The Levels, S.A., Australia) 11
Physicochemical studies of aqueous sodium dodecyl sulphate solutions in pyridine and isomeric picolines
V. K. Sharma (Rohtak, India), O. P. Yadav (Hissar, India), J. Singh (Rohtak, India) 23
Role of polyacrylate in modifying interfacial properties and stability of silicon nitride particles in aqueous suspensions
D. Liu, S. G. Malghan (Gaithersburg, MD, USA) 37
Determination of the apparent pK values of ionizable groups in highly charged lipid membranes
E.M. Egorova (Moscow, Russia) 47
Conductivity study on the w/o microemulsion of a saponified mono (2-ethylhexyl) phosphoric acid extractant system
X. Fu, Y. Pan, Z. Hu, Z. Ma (Shangdong, People's Republic of China) 55
Molecular dynamics of the particle/substrate contact rupture in a liquid medium
V. S. Yushchenko (Moscow, Russia), O. Edholm (Stockholm, Sweden), E. D. Shchukin (Moscow, Russia) 63
The influence of some metallic cations on deinking flotation
A. P. Oliveira, M. L. Torem (Gávea, Brazil) 75
Shear flocculation of chromite fines in sodium oleate solutions
Ü. Akdemir (Sivas, Turkey) and C. Hiçyilmaz (Ankara, Turkey) 87
Adsorption of hydrocarbon vapour mixtures onto zeolite 5A
F. Miano (Augusta, Italy) 95
An investigation of the mechanism of gibbsite nucleation using molecular modelling
A.R. Gerson, J. Ralston, R.St.C. Smart (The Levels, S.A., Australia) 105

Vol. 110 No. 2

Diffusion and adsorption of proteins in a model pore in the surface forces apparatus
S.A. Palkar and A.M. Lenhoff (Newark, DE, USA) 119
Chemisorption of acrylic acid on hydride silica surface
A.M. Varvarin, L.A. Belyakova, V.A. Tertykh (Kiev, Ukraine), R. Leboda and B. Charmas (Lublin, Poland) 129
Detection of the heterocoagulation–stability transition in binary colloidal systems by electrophoretic light scattering
J. Škvarla (Košice, Slovak Republic) 135
Transport of hydrophobic organics by colloids through porous media. 2. Commercial humic acid macromolecules and polyaromatic hydrocarbons

I. Sojitra, K.T. Valsaraj, D.D. Reible and L.J. Thibodeaux (Baton Rouge, LA, USA) 141
Effects of the preparation procedure and additives on surface texture of nickel and cobalt oxides as final decomposition products of nickel and cobalt oxysalts
H.M. Ismail (El-Minia, Egypt) 159
Physicochemical characterization of gel packings coated with polyamines
E. Gailliez-Degremont, M. Bacquet, J.Y. Dauphin and M. Morcellet (Villeneuve d' Ascq Cedex, France) 169
Effect of compaction and acid treatment on the surface area and porosity of kaolinite, alumina and silica gel
A. Amin (Cairo, Egypt) 181
Effect of ethanol on the formation of calcium phosphates
M.S. Tung and T.J. O'Farrell (Gaithersburg, MD, USA) 191
Preparation of silica nanoparticles from sodium orthosilicate in inverse microemulsions
L.M. Gan, K. Zhang and C.H. Chew (Singapore, Singapore) 199
Existence of charged submicrobubble clusters in polar liquids as revealed by correlation between optical cavitation and electrical conductivity
N.F. Bunkin, A.V. Kochergin, A.V. Lobeyev (Moscow, Russia), B.W. Ninham (Canberra, Australia) and O.I. Vinogradova (Moscow, Russia) 207

Brief note
Electro-optic effect in the solid phase of the indium tin oxide/electrolyte solution interface observed by reflectometry
M. Kleijn, M.C. Stuart (Wageningen, The Netherlands) and A. de Wit (Eindhoven, The Netherlands) 213

Vol. 110 No. 3

Influence of surfactant addition on the stability of concentrated alumina dispersions in water
C.R. Evanko, D.A. Dzombak (Pittsburgh, PA, USA) and J.W. Novak, Jr. (Baton Rouge, LA, USA) 219
Evaluation of the adsorption trends of a low molecular-weight polyelectrolyte with a site-binding model
L. Dupont and A. Foissy (Besançon Cedex, France) 235
Micellization and adsorption of a zwitterionic surfactant: *N*-dodecyl betaine—effect of salt
M. Chorro, N. Kamenka, B. Faucompre, S. Partyka, M. Lindheimer (Montpellier Cedex, France) and R. Zana (Strasbourg Cedex, France) 249
Hydration and interfacial activity of methyl 8-pyridyloctanoates and extraction of copper(II) from chloride solutions
M.B. Bogacki, A. Jakubiak, K. Prochaska and J. Szymanowski (Poznań, Poland) 263
Systematic design of profile control chemistry. Control of gelation of mixed poly(vinyl alcohol-co-vinylamine) crosslinked with dialdehydes
P. Shu and K.D. Schmitt (Princeton, NJ, USA) 273
Elastically-induced shift of system-spanning cluster formation in water/oil-microemulsion networks
W. Meier, H.-F. Eicke and M. Odenwald (Basel, Switzerland) 287

Book Review 293
Author Index 295
Subject Index 296
Contents of Volume 110 298